



# COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

## GRADUATE ENGINEERING ASSISTANT

Job Number: 20001439

Job Code: 70990V000101

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 09/16/1984

Job Revised: 02/16/2009

Grade: 12 Salary (MIN - MID):

\$14,938-\$19,789 - Hourly

\$2,427.44-\$3,215.72 - 37.5 Hr. Monthly Salary

\$2,589.26-\$3,430.10 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$16,807 - Hourly

\$2,731.00 - 37.5 Hr. Monthly Salary

\$2,913.22 - 40 Hr. Monthly Salary

### **PROBATIONARY PERIOD:**

This job has an initial and promotional probationary period of 6 months. For additional information refer to: <http://www.lrc.ky.gov/kar/101/001/325.htm>.

**CHARACTERISTICS OF THE JOB:** *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Performs technical engineering work to develop practical skills in support of academic theory to provide sufficient competence to qualify for registration as a professional engineer under KRS 322; and performs other duties as required. (Engineering decisions by positions of this job title must be reviewed and approved by a Licensed Professional Engineer.)

### **MINIMUM REQUIREMENTS:**

#### **EDUCATION:**

Graduate of a college or university with a bachelor's degree in an accredited engineering program as approved by the Kentucky Board of Professional Engineers and Land Surveyors.

#### **EXPERIENCE:**

NONE

#### **Substitute EDUCATION for EXPERIENCE:**

Licensure as a professional engineer will substitute for the required education.

#### **Substitute EXPERIENCE for EDUCATION:**

NONE

#### **SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):**

Must possess a valid driver's license.

**EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION:** *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Performs engineering tasks in design and review of engineering projects and evaluates the data thereby collected for conformance with engineering theory and practices. Based on the foregoing task analysis, recommends the results for inclusion or exclusion in finalized plans or plan revisions. Oversees portions of construction projects to analyze data collected personally or by inspection personnel to determine that the various tasks performed by the contractor conform to approved plans and engineering standards. Based on the foregoing analysis, recommends acceptance or disapproval of contractors' work. Through analysis of on-site data recommends review and/or alteration of design plans through a series of detailed engineering steps or processes. Performs and/or analyzes tests on natural phenomenon to determine suitability for inclusion in engineering projects. Analyzes results of tests on construction materials for conformance with engineering standards and specifications. Reviews specifically assigned portions for proposed construction plans for conformance with environmental control standards. Reviews utility plans and construction and production standards to analyze engineering cost benefit analysis with reference to utility rates. Assists in the design of computer software to accomplish analysis of engineering problems.

**UNIQUE PHYSICAL REQUIREMENTS:**

**TYPICAL WORKING CONDITIONS:** *Incumbents in the job will typically perform their job duties under these conditions.*

Work may be performed in the office and/or the field.

**ADDITIONAL REQUIREMENTS:**

Upon appointment, employees in this class may be required to maintain a valid driver's license and required to drive a licensed vehicle. This status may be necessary for the length of time in this class. If this is necessary it will be listed in the specific position description for that position. Applicants and employees in this job title may be required to submit to a drug screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

*THE COMMONWEALTH OF KENTUCKY DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, SEXUAL ORIENTATION OR GENDER IDENTITY, ANCESTRY, AGE, DISABILITY, POLITICAL AFFILIATION, GENETIC INFORMATION OR VETERAN STATUS IN ACCORDANCE WITH STATE AND FEDERAL LAWS.*